IBM Docket No. BLD919990039US1

In the United States Patent and Trademark Office **Patent Application Transmittal**

Transmitted herewith for filing is the Patent Application of:

Timothy James Trenary, Joan LaVerne Mitchell Inventors(s):

> Method, System, and Program for Fractionally Shifting Data Subject to a For:

Previous Transformation

International Business Machines Corporation ASSIGNEE NAME:

ASSIGNEE RESIDENCE: Armonk, New York

Enclosed are

pages of specification, including 47

claims, plus sheets of

drawings.

An assignment of the invention to International Business Machines Corporation, Armonk, New York 10504.

A certified copy of a/an

application.

Declaration and Power of Attorney.

PTO-1449 & references

A return post card

Other:

15.4

Filing Fee Calculation (For Other Than Small Entity)

Basic Fee:					\$740.00
Claims Fees:	Filed	Limit	Extra	Rate per Extra	
Total claims:	47	20	27	\$18.00	\$486.00
Independent claims:	3	3	0	\$84.00	\$0.00
Multiple Dependent Claim Presented				\$280.00	\$0.00
				Total	\$1,226.00

Please charge Deposit Account 09-1990 for the Total set forth above. The Commissioner is authorized to charge payment of any additional filing fees required under 37 CFR §1.16 and any patent application processing fees under 37 CFR §1.17 or to credit any overpayment to the identified account. A duplicate copy of this sheet is enclosed.

Express Mail Certificate

Express Mail Label No: EV073550919US

Date: February 12, 2002

Thereby certify that I am depositing the papers identified above with the U.S. Postal Service Express Mail Post Office to Address? service on the above date, addressed to the Assistant

Commissioner for Patents, Washington, DC 20231

Karen Orzechowski

Scott W. Reid

Attorney of Record Reg. No.

42098

February 12, 2002 Date:

IBM Corporation

Intellectual Property Law Dept. 9CCA/B002

P.O. Box 12195

Res. Tri. Park, NC 27709

Telephone: 919-254-1085 FAX 919-254-2649

transswr.wpt 10-01